

# KHALSA COLLEGE PATIALA

## Punjabi University Annual Report 2016

1. **Name of Institution:** General Shivdev Singh Diwan Gurbachan Singh  
Khalsa College Patiala
- 1.1 **Name of the Principal:** Dr. Dharminder Singh Ubha, M.Com. Ph.D

### 1.2 Newly Appointed Teaching Staff

During this session **Dr. Jagtar Singh** got appointed as a regular teacher in the department of Political Science and **Dr. Manwinder Kaur** was appointed a regular teacher in the department of Mathematics.

In addition to this, **Dr. Sarabjeet Singh** got transferred to the Post Graduate Department of Punjabi and **Dr. Baljinder Kaur** to the Post Graduate Department of History.

### 1.3 Retired Staff

During this session, **Dr. Gurdish Kaur**, Dean, Welfare Girls and Head, Post Graduate Department of Punjabi, Prof. Satnam Kaur, Head, Post Graduate Department of History and **Sh. Brij Bhushan Atttri**, Senior Lecturer Assistant, Department of Physics retired.

## 2. Visiting Professor/Extension Lectures

### 2. A Lectures organised by the college

During this session, different departments of the college organised 13 lectures.

The Department of Folk Art & Culture organised a lecture-cum-demonstration by **Mohammad Shafiloan** on **Kashmiri, Kaani ate Jaamavar Shaala di Bunaai ate Kadhaai** on 23<sup>rd</sup> January, 2016.

The department of Religious Studies, Gurmat Society and Guru Gobind Singh Singh Study Circle organised a lecture by **Prof. Brijpal Singh**, department of Economics, Punjabi University, Patiala on the topic **Gurmat Sidhaant** on 5<sup>th</sup> February, 2016.

The department of Chemistry organised a lecture by **Dr. Mohammad Yusuf**, department of Chemistry, Punjabi University, Patiala on **Photochemistry and Spectroscopy** on 20<sup>th</sup> February, 2016.

The Post Graduate Department of Punjabi organised a lecture by **Khoji Kafir**, a renowned Punjabi writer on the topic **Bhasha Ate Shabad di Mahatata** on 5<sup>th</sup> April, 2016.

B.Voc. Food Processing and Engineering organised a lecture by **Shri. Amit Walia**, Senior Territory Manager (Business Development), Fire Company on **Use of Fire Extinguisher** on 5<sup>th</sup> April, 2016.

B.Voc. Food Processing and Engineering organised a lecture by **Shri Kaka Ram Verma**, District Training Supervisor (Retired), Indian Red Cross Society and President, First-Aid Safety and Health Mission on the topic **First Aid** on 5<sup>th</sup> April, 2016.

Youth Club and Red Cross Society of the college organised a lecture by **Dr. J.S.Sarao** of Amar Hospital, Patiala on **De-Stress Addiction Problems and Nutrition** on 15<sup>th</sup> September, 2016.

The Post Graduate Department of Physics organised a lecture by **Dr.Narinder Singh Kapoor**, former Dean Youth Welfare, Head, Department of Punjabi on **Vidiarthi Shaksiat Di Bahupakhi Usaari** on 27<sup>th</sup> October, 2016.

Youth Club and Red Cross Society of the college organised a lecture by **Dr. Mandeep Singh** of Thapar University, Patiala on **Let's Do It** on 4<sup>th</sup> November, 2016.

The Post Graduate Department of Punjabi and Students Welfare Girls Wing organised a lecture by **S. Sukhjinder Singh Bath**, Canada based renowned figure in promoting Punjabi Language and Culture on the topic **Maujuda Daur Vich Naujawaana Nu Darpesh Chunaution Ate Samaadhan** on 30<sup>th</sup> November, 2016.

The Department of Computer and Computonics Club organized a lecture by **Newton Babbar**, C.E.O., Goldfinch Mobile Solutions, on **Software Development Life Cycle Using Spring Framework** on 19<sup>th</sup> December, 2016.

The Department of Biotechnology with the collaboration of Punjab State Council for Science and Technology organised a programme **Popular Priotechnology Series** on 26<sup>th</sup>..... in which **Dr. Naveen Gupta**, Punjab University, Chandigarh, **Dr. Dinesh Goel**, Thapar University, Patiala and **S. Gurharminder Singh** delivered lectures on the above topic.

## **2. B Lectures delivered at other Institutions by the Faculty of the college:**

**Dr.Tarlochan Singh Mahajan** delivered a lecture at one day seminar on **Punjabi Vich Vigiyaan di Padhaai** organised by Department of Punjabi, Sri Guru Granth Sahib World University, Fatehgarh Sahib on 21<sup>st</sup> April, 2016.

**Prof. Gurmeet Singh** delivered a lecture on **Complex Analysis** at ANMA conference organised at Kathmandu, Nepal.

**Dr. Sarabjeet Singh Ahluwalia** delivered a lecture on **Bioremediation** at Asian Education Institute, Patiala on 7<sup>th</sup> September, 2016.

**Prof. Rosy Bansal** delivered a lecture as a resource-person on Skill Based Courses at seminar on Career, Guidance and Entrepreneurship of Youth organised by A.S. College for Women, Khanna on 27<sup>th</sup> November, 2016.

**Dr. Nidhi Gupta** delivered a lecture at **International Workshop on Advanced Nanomaterials for Energy Health and Sustainability** organised by IIT, Mandi (H.P) from 3<sup>rd</sup> to 6<sup>th</sup> Oct., 2016.

**Dr. Sonam Dullat** delivered a lecture on **Inner Pollution** at Eco Sikh Environment Leadership Workshop organised by Bhai Gurdas Chair at Sri Guru Granth Sahib Bhawan, Punjabi University, Patiala on 24<sup>th</sup> Feb., 2016. She also delivered a lecture on **Self-Management** at Mata Gujri Girls Hostel, Khalsa College, Patiala on 28<sup>th</sup> Feb., 2016.

## **3. Conferences/Seminar/Symposiums/lectures/Workshops organised by the College**

### **3. A. International workshop organised by the college:**

The Department of Commerce and Management organised a one day international workshop on Commerce and Accounting on 9<sup>th</sup> Dec' 2016. During this workshop **Dr. Mahesh Joshi**, Lecturer, RIMT University, School of Accounting and **Dr. Monika Kansal**, Lecturer, CQ University, Australia were the subject experts.

### **3. B. National conferences organised by the College:**

### **3. B.1. Emerging Trends in Biotechnology: A paradigm shift to Cleaner and Greener India**

The department of Biotechnology organised a UGC sponsored national conference on **Emerging Trends in Biotechnology: A paradigm shift to Cleaner and Greener India** on 8<sup>th</sup> Oct'2016. **Major General V.K. Kumar Bhatt**, Technical Advisor of Chief Minister, Punjab was the **chief guest** during the inaugural session. The **keynote address** was delivered by **Sri B.M. Gandhi**, Former Advisor, department of Biotechnology, Government of India. During the **Valedictory Session**, **Dr. S.S. Marwaha**, former Acting Officer, Punjab Biotech Incubator was the **chief guest**. Around 125 scholars from Punjab, Uttarakhand, Himachal Pradesh, Goa, Andhra Pradesh, New Delhi, Uttar Pradesh and other states presented their research papers during the six technical sessions of the conference. **Dr. Nipunjot Kaur**, Head, Department of Biotechnology of this college was the **co-ordinator**.

### **3. B.2. Interfaith National Conference on Leadership**

The Department of Commerce and Management organised a U.G.C. sponsored **Interfaith National Conference on Leadership** on 9<sup>th</sup> September' 2016. In the **Inaugural Session**, **Dr. Jaspal Singh**, Vice-Chancellor, Punjabi University Patiala was the **chief guest**. **Padamshri Akhtar-Ul-Wasi**, Vice Chancellor, Maulana Azad University, Jodhpur delivered the keynote address.

In the **Valedictory Session**, **S. Balwinder Singh Bhunder**, Member Parliament, Rajya Sabha was the **chief guest**. **S. Harbhajan Singh**, Head secretary, Shiromani Gurudwara Prabandhak Committee, Sri Amritsar and **Dr. Jamsheed Ali Khan**, Professor, Punjabi University, Patiala were **guest-of-honour**. In the five technical sessions of this conference, 30 scholars from Haryana, Rajasthan, Bihar, Punjab and other states presented their research papers. **Dr. Jasleen Kaur**, Head, Department of Commerce and Management was the **Co-ordinator** of this conference.

### **3. B.3. Ajoke Prasang Vich Shastri Up-shastri Ate Sungam Sangeet Di Punar-Paribhasha**

The Department of Music (Vocal) organised a U.G.C. sponsored one day national conference on **Ajoke Prasang Vich Shastri Up-shastri Ate Sungam Sangeet Di Punar-Paribhasha** on 5<sup>th</sup> Nov, 2016. In the inaugural session, **Dr. Gurnam Singh**, Dean Academic and scholar of Gurmat Sangeet, Punjabi University, Patiala was the chief guest. **S. Paramjit Singh Sidhu**, also known as 'Pammi Bai', recipient of Music drama Academy Award and renowned Folk Singer was the main speaker. **Dr. Jagjit Singh**, Head, Department of **co-ordinator** of a Music (V) shed light on the topic of the conference. During the two technical sessions of the conference, many scholars from Punjab and other states presented their research papers.

### **4. Faculty who participated/presented paper at International Conference**

#### **4. A Faculty Members who participated/presented Research papers at International Conference**

##### **4. A.1 Faculty Members who presented Research papers at International Conference**

**Dr. Pushpinder Kaur** presented a research paper titled **Punjabi Vich Anuwadit Swae-Jiuni Saahit Da Itihas Moolak Adhiyaan** at 6<sup>th</sup> World Punjabi Literature Conference on **Punjabi Vaartak: Praaptian Te Sambhawnaava** organised by Punjabi University, Patiala from 7<sup>th</sup> to 9<sup>th</sup> December, 2016.

**Prof. Inderbir Kaur** presented her paper on **The Adoption and Reployment of Cloud in Education through E-Governance: A Blended Learning Approach** at 6<sup>th</sup> International Conference (ICATETR-2016) organised at Bal Krishan Institute of Technology, Kotta, Rajasthan from 30<sup>th</sup> June to 1<sup>st</sup> July, 2016.



**Dr. Ayesha Khosla** presented her research paper on **Proliferation of Diaspora through Sports, Education and Music: A Reality or a Mirage** at the international conference on Diaspora and Development :Emerging Multidisciplinary Dynamics of India/Punjabi Migration organised by Centre for Diaspora Studies, Punjabi University, Patiala from 24<sup>th</sup> to 26<sup>th</sup> Feb' 2016.

**Dr. Rupinder Dhir** presented her research paper on **Synthesis and Characterization of Diselenide Derivative of 4 Substituted-N, N-Dusopropylpridine-2-Carboxamide** at 5<sup>th</sup> International Conference on Advancement in Engineering & Technology (ICAET-2017) organised by Bhai Gurdas Institute of Engineering & Technology, Sangrur from 24<sup>th</sup> to 25<sup>th</sup> March, 2016

**Dr. Tejvir Kaur** presented her research paper at International online seminar on **Positive Schooling: A Heaven for Holistic Development** organised by Indian Association of Health, Research and Welfare, Goa from 16<sup>th</sup> to 18<sup>th</sup> January, 2016.

**Prof. Rosy Bansal** presented her paper on **Assessment of Physicochemical and Antioxidant Properties of Whole Bread by Incorporating Orange Peel Powder** at International Conference on Recent Advances in Emerging Technologies organised at Sri Guru Granth Sahib World University, Fatehgarh Sahib from 23<sup>rd</sup> to 24<sup>th</sup> February, 2016.

**Dr. Gorakh Singh** presented his research paper on **Land Use Patterns and Policies in Punjab: 2014-15** at International Conference on Impact of Global Warming on Cropping Pattern and Administration Responsibilities for same organised by Kurukshetra University, Kurukshetra from 11<sup>th</sup> to 13<sup>th</sup> February, 2016.

**Dr. Gorakh Singh** presented a research paper on **Crop Diversification and Technology in Diversification** and **Prof. Jatinder Singh** on role of Information Technology and Governance Efforts during 4<sup>th</sup> International Conference, 2016 organised by Bhai Gurdas Group of Engineering and Technology, Sangrur on 18<sup>th</sup> March, 2016.

**Prof. Prabhjot Singh** presented a research paper on **Balraj Sahni Duara Rachit mera Rusi safarnama Da Siyasi Vichar Paripekha** during International Conference on Aadhunika Punjabi Vartak: Praaptiyaan Sambhavnavaan organised by Punjabi University, Patiala on 7<sup>th</sup> December, 2016.

#### **4.A.2. Participation of Faculty Members in International Conference:**

**Dr. Gorakh Singh** and **Prof. Jatinder Singh** participated in 3-Day International Punjabi Vikas Conference organised by Punjabi Development Studies of Punjabi University, Patiala on 2<sup>nd</sup> March, 2016.

#### **4. A.3. Paper Presentation in International Seminars:**

**Dr. Gorakh Singh** presented research paper on **Implementation of New Agriculture Techniques: Review 1966 to 2015** during International Seminar organised by Department of Geography, Punjabi University, Patiala on 14<sup>th</sup> November, 2016.

#### **4. B.1. Research Papers presented by faculty members in National Conferences**

**Dr. Pushpinder Kaur** presented research paper on **Lok-Kalavaan Atte Zindagi Diyan Kushaltavaan Da Bacvheyaan Di Bahupakhi Sakshiyat Usaari Vich Mahatav** and **Prof. Jaspreet Kaur** on **She Stoops to conquer: Oliver goldsmith's Lesson in Life Skills** during National Conference on Life Skills Education: Equipping for Life organised by Mata Sahib Kaur Khalsa College, Patiala on 16<sup>th</sup> March, 2016.



**Prof. Satnam Kaur** presented research paper on **Rani Sahib Kaur of Patiala** during Punjab History Conference organised by Department of Punjab Historical Studies, Punjabi University, Patiala from 4 to 6<sup>th</sup> March, 2016.

**Prof. Jaspreet Kaur** presented research paper on **What is Right and What is Easy: Leadership Lessons from Harry Potter Series** and **Dr. Rouble Brar** on **Shiva-Model for Transformational Leadership: A study of the Shiva Trilogy by Amish Tripathi** during U.G.C. sponsored Interfaith National Conference on Leadership organised by Department of Management and Commerce Khalsa College, Patiala on 10<sup>th</sup> September, 2016.

**Prof. Rajdeep Singh Dhaliwal** presented research paper on **Cytological Study on Two Species of Cymbopogon Spreng a grass with medicinal importance** and **Dr. Akshita Dhaliwal** on **Study on Economically Important Grasses of Tribe: Andropogon near (Family Poaceae)** during conference on Recent Trends in Environment, Science and Technology – RTEST-2016 organised by Rayat and Bahra University, Kharar (Punjab) on 11<sup>th</sup> March, 2016.

**Prof. Rajdeep Singh Dhaliwal** presented paper on **Population Based Milotic Studies in Rotteboellia exaltata I.F. from Shivalik Hills** and **Prof. Sukhveer Kaur** on **Erythrocyte Enzyme Esterase (ESD) Polymorphism in the Jat Sikhs of North Punjab** during National conference NSETB, 2016 organised by Multani Mal Modi college, Patiala on 12<sup>th</sup> November, 2016.

**Dr. Harpreet Kaur** presented research paper on **Effect of Nitrogen and Phosphorus on growth and Yield of Ch-1 hybrids of Chilli** and **Dr. Akshita Dhaliwal** on **Cytology of a Medicinal Important Grass: Vetiveria Zizanioides (L) Nash** during National Conference on Basic and Applied Researches in Plants and Microbes organised by Department of Botany, Punjabi University, Patiala from 3<sup>rd</sup> to 5<sup>th</sup> November, 2016.

**Prof. Rosy Bansal** presented a paper on **Value Addition of fresh and Processed Tomato Salsa with Herbs and to Study its Storage Stability** during National Conference on Innovative Food Processing Technologies for Food and Nutritional Security organised by ICAR – CIPHET Ludhiana on 29<sup>th</sup> -30<sup>th</sup> September, 2016.

**Dr. Gorakh Singh** and **Prof. Jatinder Singh** jointly presented paper on **An Overview of Right to Services Legislations in Different States of India** during National Conference on **Governance in the 21<sup>st</sup> Century** organised by Department of Public Administration, Punjabi University, Patiala on 30<sup>th</sup> March, 2016.

**Dr. Gorakh Singh** presented research paper on **Sustainable Agriculture, Cropping, Patterns and Changes therein: 1984-85 to 2014-15** during National Conference on **Indian Society and Emerging Social Issues (ISEST)** organised by Rajiv Gandhi National University of Law on 10<sup>th</sup> April, 2016. He also presented paper on **Agrarian System in Punjab: Present and --- during 17<sup>th</sup> ATG Meet** and National Conference organised by S.C.D. Government College, Ludhiana on 18<sup>th</sup> February, 2017.

#### **4. B.2. Poster Presentations by faculty members in National Conference:**

**Prof. Rosy Bansal** gave poster presentation on **Food Biodiversity for a Healthy Plant** and bagged second position during International Day for Biological Diversity organised by Punjabi University Environment Society on 22<sup>nd</sup> May, 2017.

**Prof. Rosy Bansal** gave poster presentation on **Plastic (Not) Fantastic for our Health and Environment**, **Dr. Mansimran Kaur** on **Comparison of In vivo Immuno restorer activity of Probiotic Bacterial DNA**, **Prof. Jasmeet Kaur** on **Use of Plant Species in Controlling Environmental Pollution** and **Dr. Sukhveer Kaur** on **Evaluation of Plant Growth Promoting**

**Traits of Rhizobacteria Pseudomonas Fluorescence Isolated from Wheat Rhizosphere** during U.G.C. sponsored National Conference on **Emerging Trends in Biotechnology: A Paradigm Shift to Cleaner & Greener India** organised by Khalsa College Patiala on 8th October, 2016.

**Dr. Manish Sharma** gave poster presentation on **Molecular Identification of Two Indian Flesh Fly Species Using Mitochondrial COI gene** during National Conference NSETB, 2016 organised by Multani Mal Modi College on 12<sup>th</sup> November, 2016.

#### **4. B.3 Research Papers Presented at National Seminars:**

**Dr. Harvinder Kaur** presented paper on **Parmukh Mahila Kahaanikaro Ki Kahaaniyaan-Moolya Chetna Ke Sandharab Mein** during one-day National Seminar on Hindi Sahitya Aur Moolya Chetna organised by S.D. College for Women, Moga on 30<sup>th</sup> March, 2016.

**Dr. Kuldeep Kumar** presented paper on **Kaushal Ke Vikas Mein Sangeet Shikshan Ki Bhumika** during National Seminar organised by Mata Sahib Kaur Khalsa Girls College of Education, Dhamomajra Patiala on 16<sup>th</sup> March, 2016 and presented paper on **Kafi Gayan Vidh-Arth, Viyutapti Evam Vikas** during U.G.C. sponsored National Seminar on Redefining Classical, Semi-Classical and Light Music in the Present Context organised by Part Graduate Department of Music (Vocal), Khalsa college Patiala on 5<sup>th</sup> November, 2016.

**Prof. Sandeep Chahal** presented research paper on **Challenging the Traditional Approaches to Research Methodology in Folk Art** during National Seminar on Research Methodology in Art organised by Indira Gandhi National Center for the Arts, New Delhi in Collaboration with Museum and Gallery and S. Sobha Singh Department of Fine Arts at Punjabi University, Patiala on 29<sup>th</sup> March, 2016.

**Prof. Rajwinder Kaur** presented research paper on **Critical Issues in Implementation of E-Governance of India**, **Prof. Jaspreet Kaur** on **Self Help Group** and **Prof. Kirandeep Kaur** on **E-Commerce, M-Commerce, S-Commerce, New Innovation in Marketing Management** during a seminar organised by Dashmesh Khalsa College, Zirakpur on 30<sup>th</sup> January, 2016.

**Dr. Pushpinder Kaur** presented research paper on **Sukhmani Sahib Vich Brahm Da Saroop**, **Prof. Satnam Kaur** on **Gurbani Vich Manukhi Ekta Atte Akhandta Da Sankalp**, **Prof. Amanpreet Kaur** on **Guru Nanak Bani Vich Guru Da Sankalp**, **Prof. Gagandeep Kaur** on **Gurbani Vich Sachiyar Da Sankalp** and **Prof. Amandeep Kaur** on **Guru Granth Sahib Vich Naari Da Sankalp** during National Seminar organised by Khalsa College, Punjokhara Sahib (Ambala).

**Prof. Sukhmohan Kaur** presented research paper on **Baheyaan Da Gidha: Vikas Te Vishleshan**.

**Prof. Maninder Kaur** on **Lok Naat Kala: Aurat' Bimb**, **Prof. Kirandeep Kaur** on **Lok Kalavaan Da Parivartit Roop: Samaj Vigyanik Adhiyan**, **Prof. Ravinder Kaur** on **Galpi Vidha De Nataki Roopantaran Di Jugat** and **Prof. Inderjeet Singh** on **Dhadhi Parampara-Itihaasik Sarvekhan** during Seminar on **Pradarshit Kalavaan: Peshkaari Atte Samvaad** organised by Department of Punjabi, Khalsa College Patiala on 21<sup>st</sup> February, 2016.

**Prof. Satnam Kaur** presented research paper on **Banda Singh Bahadur Ik Jetu Jarnail De Roop Vich** during National Seminar on Human Freedom and Baba Banda Singh Bahadur organised by S.D. College (Lahore) Ambala Cantt on 4<sup>th</sup> October, 2016.

**Prof. Satnam Kaur** presented research paper on **Guru Arjun Dev Ji Da Jeevan**, **Prof. Sukhmohan Kaur** on **Guru Nanak Bandi Vich Nirmaanta Da Sankalp** and **Dr. Jiwant Kaur**

on **Early Stages of Sikh Historiography** during One-day National Seminar organised by Guru Hargobind Sahib Khalsa Girls College, Karhali Sahib, Patiala on 8<sup>th</sup> April, 2016.

**Dr. Harpreet Kaur** presented paper on **Practices adopted in Protected Cultivation Vegetables Crops** during seminar on Emerging Trends in Biological and Agricultural Sciences organised by Department of Biotechnology and Agriculture, D.A.V. College, Abohar on 22<sup>nd</sup> January, 2016.

**Prof. Gagandeep Kaur** presented paper on **Prof. Kishan Singh Di Gurbani Viakhikari** during National Seminar organised by Punjabi University, Patiala on 6<sup>th</sup> December, 2016.

**Dr. Gorakh Singh** presented a research paper on **Impact of Changing Environment on Crops: A General Study** and **Prof. Jatinder Singh** on **Status of E-Governance in Punjab – A General Survey of Patiala Region in 2015-16** during U.G.C. sponsored One-day Seminar organised by D.A.V. College, Ferozepur on 4<sup>th</sup> March, 2016.

**Dr. Gorakh Singh** and **Prof. Jatinder Singh** jointly presented paper on **Region's Character and Reforms for Better Governance in Local Administrative Assembly** during National Seminar on **Innovation in Governance: Multidisciplinary Perspectives** organised by Panjab University, Chandigarh on 31<sup>st</sup> March, 2016.

#### **4. B.4. Participation of Faculty Members in National Seminars:**

**Dr. Kuldeep Kumar**, **Prof. Satnam Kaur**, **Dr. Harjit Kaur**, **Dr. Jiwant Kaur**, **Prof. Rosy Bansal**, **Prof. Shabnam** and **Dr. Preet Anand** participated in One-day Seminar on **Main Streaming Biodiversity, Sustaining People and their Livelihoods** organised by P.G. Department of Agriculture on 31<sup>st</sup> May, 2016.

**Dr. Mansimran Kaur** participated in National Seminar on **Recent Trends in Food Processing** organised by Indian Institute at Crop Processing Technology under MOFPI, Central University, Bathinda on 9<sup>th</sup> December, 2016.

**Prof. Navneet Kaur** participated in seminar on **Innovation in Management** organised by PCMA at Dashmesh Khalsa College, Zirakpur.

**Prof. Shabnam** participated in One-day National Seminar on **Redefining Classical, Semi-Classical and Light Music in the Present Context** organised by P.G. Department of Music (Vocal), Khalsa College, Patiala.

**Prof. Simranjeet Kaur** participated in National Seminar on **Sri Guru Granth Sahib Di Viyakhikari Te Viyakhikar** organised by Department of Sri Guru Granth Sahib Studies at Punjabi University, Patiala.

#### **4. B.5. Poster Presentation in National Seminar:**

On 4-5 Feb, 2016, the Department of Chemistry, Punjabi University, Patiala organised 8<sup>th</sup> National seminar on **New Paradigm in Chemical Sciences: Synthesis and Analytical Perspectives-2016**, NPICS: SAP-2016 in which **Dr. Kuldeep Singh**, **Dr. Anju Khullar** and **Dr. Inderpreet Singh Grover** jointly presented their paper on **Ploycyclic Aromatics Hydeocarbon in Edible Stuff** and **Dr. Monica Bansal** on **A Facile Microwave Assisted Synthesis of Thiazolo Pyrimidine Derivatives and their Antimicrobial Evaluation** and **Dr. Rupinder Dhir** on **Synthesis and Characterization of 4-dimethylamino Pysidyl Chalcogenide** and **prof. Tajbeer Kaur** on **Synthesis and Characterization of 3<sup>rd</sup> transition metal oridenano particles using metal acac as precursor**, **Dr. Nidhi Rani Gupta** on **DDT Residue in breast milk of female in Punjab**, **Dr. Rajni Sharma** on **Synthesis and Characterization of 3<sup>rd</sup> metal oxide Nano particles using metal acac of precursor** and **Dr. Rupinder Kaur** gave a Poster



Presentation on **Preconcentration of Sudan-IV Food Colorants using modified B-CD polymers as a Solid Support.**

#### **4. B.6 Teachers who attended workshops**

**Dr. Balbir Kaur** attended **capacity building workshop on Holistic Skill Enhancement** at Government Home Science College, Chandigarh from 11<sup>th</sup> to 17<sup>th</sup> March, 2016.

**Prof. Rajdeep Singh Dhaliwal, Dr. Preet Anand and Dr. Akshita Dhaliwal** attended a three day workshop from 29<sup>th</sup> Sep to 1<sup>st</sup> Oct, 2016 on **Rap a Step (Research as pedagogy a science teacher education programme)** held at Punjabi University, Patiala.

#### **6. Orientation/ Refresher Courses attended by Faculty Members**

##### **6. A Orientation Course**

**Dr. Gursimarjeet Kaur** attended an orientation course at Punjabi University, Patiala from 2<sup>nd</sup> to 29<sup>th</sup> Nov, 2016 organised by UGC (HRDC)

##### **6. B Refresher Course**

**Dr. Harpreet Kaur** attended a Refresher Course organised by UGC (HRDC) at Punjabi University, Patiala from 1<sup>st</sup> to 21<sup>st</sup> Dec, 2016.

#### **7. Research Work: Institutional/Individual**

##### **7.1 Teachers who got minor research projects from UGC**

During this session, **Prof. Jatinder Kaur** in Agricultural/ Sari cultural/ Horticultural, **Dr. Mansimran Kaur Randhawa** in Biotechnology, **Dr. Anju Khullar** in chemical technology, **Dr. Monica Bansal** and **Dr. Rupinder Dhir** in Chemistry/Polymer Science, **Prof. Jasmine Tiwana** and **Prof. Tript Kaur** in Commerce, **Dr. Ayesha Khosla** and **Dr. Rouble Brar** in English, **Dr. Balbir Kaur** in Home Science/ Food Technology and **Dr. Tejinderpal Singh** in Music got minor research projects from UGC.

##### **7.2 Books published by Faculty**

**Dr. Anju Khullar's** book on **Synthesis of Pyridine Derivatives and their Pharmacological Uses** got published from Lambert, German publication.

##### **7.3 Research books edited by Teachers**

**Prof. Jaspreet Kaur, Dr. Rouble Brar, Prof. Navdeep Kaur and Dr. Ayesha Khosla** collectively edited the book **Flames of Inspiration**.

##### **7.4 Research Papers of Teachers published in International Journals**

**Dr. Tarlochan Singh Mahajan's** paper on **Optimum Soil: Manure to Soil Ratio for better Germination of Triticum Seed** got published in International Journal of Advanced Agricultural Technologies, ISSN: 2373-423X.

**Prof. Sukhmeen Kaur's** paper on **Semantic Web Technique and their Counter measures for Analysing Web user Behaviour** got published in International Journal of Technology and Engineering. ISSN No. 2455-9121.

**Dr. Sarabjit Singh Ahluwalia** in collaboration with **A. Pokharia** got their paper on **Decolourization of textile dyes Basic Reg 46 and Reactive Black 5 by Staphylococcus epidermidis MTCC 10623** published in International Journal of Environmental Biomediation and Biodegradation, 4(2), 35-46 and their another joint paper on **Biodecolorization and Degradation of Xenobiotics ago dye-basic Red 46 by Staphylococcus epidermidis MTCC 10623** published in International Journal of Research in Bio-Sciences, 5(2), 10-23.

In Khoj Pandh, an International Journal of Research published by the Department of Punjabi in the college, **Dr. Jiwant Kaur's** paper on **Lok-NaatParampara Di Pracheenta** and **Dr. Ravinder Kaur's** paper on **GalpiVidha Di NatkiRupantritJugat** got published. **Dr. Ravinder Kaur's** paper on **Sant Ram Udasi Di KavitaSaroop, Subah ate parsang** got published in International Journal Sanwaad, Canada in June, 2016.

**Dr. Jagjit Singh's** paper on **FilmSangeet ate ShastiyaSangeet** and **Dr. Tejinderpal Singh's** paper on **Filmi Sangeet Mein ShastiryaGayakKalakaronKaYogdaan** got published in Indian Journal of Social Concerns ISSN No. 2231-5837.

**Dr. Harpreet Kaur** in collaboration with Sarvan Kumar, B. STiyagi and AnujKumargot their paper on **Study ofGenetic Variability and Character Association for Yield and its Contributing Traits in Bread Wheat (TriticumAestivum L.)** was published in Research Environment Life Science.

**Dr. Jagtar Singh's** paper on **Judicial Activism: Directive Legislation by the Supreme Court of India** and another paper on the subject of **Representative Institution in Ancient India** got published in International Journal of Multidisciplinary Educational Research Vol.5, Issue.4, 2016 JISRF Impact Factor 3.318, Index Copernicus Value 5.16, ISSN-2321-5747 and in IAHRW International Journal of Social Sciences Review, Vol.4, No.6, 2016, ISSN No. 2347-3797 respectively.

**Prof. Rosy Bansal's** paper on **Value Addition and Storage Stability of Processed Tomato Salsa** was published in Review Articles International Journal of Food Science and Nutrition Technology, Thomson Ryberg publication, Vol-1, Issue 1, Dec 2016.

**Dr. Mansimran Kaur's** paper on **Immunorestores Activity of Probiotic Bacterial DNA: An Innovo Study** got published in World Journal of Pharmaceutical and Life Science, 2(6), 348-358, ISSN 2454-2229.

**Dr. Nidhi Gupta's** paper on **Cancer: The Flip Side of Green Revolution** got published in Journal of Basic and Applied Engineering Research, Vol.3, Issue-1, (2016), 24, ISSN:2350-0255.

**Dr. Manish Kumar's** paper on **A Review on Phylogenetic Analysis of Forensically Important Flier (Diptera)** got published in International Journal for Science and Research in Technology.

**Dr. Sukhveer Kaur's** paper on **Production and Optimization of Pectinase by Bacillus Sp. Isolated from Vegetable Waste Soil** got published in Indo American Journal of Pharmacentical Research and another paper on **Isolation and Characterization of Antibiotic Producing Actinomycetes from Agriculture Soil** got published in World Journal of Pharmacy and Pharmaceutical Sciences.

**Dr. Gorakh Singh's** paper on **Existing Cropping Patterns and Changes therein Punjab: A Specific Study based on 1984-85 to 2014-15** and **Prof. JatinderSingh's** paper on **Policies and**

**Programmers for Better Governance and Reforms in Local Administrative Assembly: 2014-15** got published in International Journal of Management and Social Sciences Research Review, Bangalore, Vol.1, ISSN 2349-6738, April 2016. **Dr. Gorakh Singh's** paper on **Proposed Eco-Friendly Crop Planning Regions in Punjab: Special Reference on behalf of 1984-85 to 2014-15** and Prof. **Jatinder Singh's** paper on **Governance and Good Governance: a Conception Perspective** got published in 2016 The Summit a Peer Reviewed Journal of Humanities and Social Sciences, Vol. IV, ISSN: 2394-5753. **Dr. Gorakh Singh's** paper on **Impact of Geographical Environment on Health and Mental Health: An Introductory Report on Human Health Issues on Behalf of Past and Present** and Prof. **Jatinder Singh's** paper on **Good Governance in India: Challenges and Opportunities** got published in Paachi Journal of Psycho-Cultural Dimensions, Vol. 32 (1) ISSN: 0971-7064, April 2016.

## 7.5 Research Papers published in National Journals

**Dr. Pushpinder Kaur's** paper on **Parvasi Punjabi Kanjakan Da Poonjiwadi Sabhyacharak Anukulikaran ate Asadharan Peedi- Paade Da Antar Sabhayacharak Tanao** got published in journal Satluj, Vol. 2, No. 2, 2016 in Government College Ropar and **Bartanavi Parvasi Punjabiyan de Antar Nasal Parivarik Rishteyan Da Antar Sabhyacharak Tanao ate Trasadi** got published in National Journal Pargaas Vol. 1, July- Dec 2016 at Guru Nanak College, Budhlada.

## 8. Academic Achievements of Teachers

**Prof. Gurmeet Singh** got the degree of PhD from Maharishi Markandeshwar University, Maulana.

**Prof. Tarandeep Kaur** got her degree of PhD from Guru Nanak Dev University, Sri Amritsar.

**Prof. Ravinder Kaur** got degree of PhD from Punjabi University, Patiala.

## 9. Sports

### 9. A.1 World University

**Mandeep Kaur**, an excellent player of Handball of the college participated in **World University Handball Championship** held at Malaga (Spain).

### 9. A.2 World Cup

**Prabhjot Kaur**, another outstanding player of Archery participated in **World Cup** held at China and Columbia in April-May 2016.

### 9. B.1 National

**Jagseer Singh**, a player of Taekwondo, won **Gold** and a **Bronze** medal in National. **Prabhjot Singh**, a player of Archery won **Gold** (Individual) and a **Gold** medal in team event whereas **Archer Preetinder Kaur** and **Daljit Kaur** also won **1-1 Bronze** medals.

### 9. B.2 All India Inter-University

Six players of Handball of the college got Silver medal in All India Inter-University held at Salem (Tamil Nadu). **Rahal**, a player of Archery won a Bronze medal and **Prabhjot Kaur** won Gold (Individual) and a Gold medal in team event.



#### 9. D. Inter-Varsity North Zone

**Mandeep Kaur of Handball** won **Gold medal** in North Zone Inter-University and **six boys of Handball** also bagged Gold medals.

#### 10. Cultural Achievements/ Programmes

##### 10. A.1 Punjab State Inter-Varsity

College won **first** position in **Elocution**, **Second** position in **Poetry Recitation**, **Third** in **Clay Modelling** and participated in **Jhoomar** during Punjab State Inter-Varsity competition held at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib on 20 and 21 Jan, 2016.

##### 10.B.2 Inter-Varsity Youth Festival

The college also participated in Inter-iversity Youth Festival held at Punjab Agricultural University, Ludhiana from 14 to 18<sup>th</sup> Jan, 2016 and won **first** position in **Percussion** and **Second** position in **Clay – Modelling**, third position in **Bhangra** and one student participated in **Folk Orchestra**.

##### 10. D.1 Inter-Zonal Youth Festival

College achieved **Second** position overall in Inter-Zonal Youth Festival and in Religious Youth Festival. It is worth mentioning here that college has won **Second** position overall in continuity from last seven years.

During Inter-Zonal Youth Festival held at Punjabi University, Patiala from 24 to 26 Oct, 2016, college won **First** position in **Elocution**, **Bhangra** and **Western Solo**; **Second** position in **Classical Song**, **Western Solo**, **Western Group song** and in **Percussion** and **Fourth** position in **Debate**. During this, **Bhangra Artist** of the college, **Dalbir Singh** was announced as the **Best Dancer in Bhangra**.

##### 10. D.2 Inter-Zonal Folk-Festival

The college secured **first** position in **Rassa Vatai**, **Nukad Natak** and in **Malwai Giddha**, **Second** in **Jhumar**, **Third** position in **Kadai**, **Sammi**, **Cultural folk songs** and **fourth** position in **Vaar-Gayan** and **Lok-Saaz** during Inter-Zonal folk Festival held at Punjabi University, Patiala on 11 and 12 Feb, 2016.

#### 11. N.S.S

Under the able guidance of Co-ordinator of N.S.S, **Dr. Gagandeep Singh**, a seven day N.S.S camp was organised in Dec, 2016. During the camp, students were made aware of giving First Aid by **Sri Kaka Ram Verma**, an officer of Red Cross Society. Inspector **S. Hardeep Singh Badungar**, Incharge Mobile Traffic Patiala range told the students about the importance of following traffic rules. **Dr. Paramvir Singh**, Co-ordinator of N.S.S Wing of Punjabi University, Patiala made the students aware of the importance of N.S.S whereas **Gurjaap Singh** made the students aware regarding traffic signs. **Dr. Sarabjinder Singh** of Punjabi University, Patiala inspired the students to become self-reliant.

#### 11. C Blood Donation Camp

In order to inculcate the values of social welfare among the students, N.S.S Wing, **Student Welfare Committee** and **Dean Dyal Upadhiye Kaushal Kendra** organised a **Blood Donation**

**camp** on 8<sup>th</sup> Nov, 2016. The camp was inaugurated by **S. Indermohan Singh Bajaj**, Additional Honorary Secretary of College Governing Council.

## **12. N.C.C**

### **12.A N.C.C (Air Wing)**

Under the guidance of **Squadron Leader Dr. Gurmeet Singh**, Four Cadets of Air Wing attended preVSC camp at Ropar and two Cadets got selected for PRDC. Cadet **Damneet Kaur** participated in RDC Parade held at Janpath. She was also honoured with the title of **All India Best Air Wing Cadet**.

### **12.C .N.C.C (Army Wing)**


**55 Cadets** (37 Boys and 18 Girls) were **selected** in N.C.C Army Wing under the guidance of **Dr. Nishan Singh**, Officer N.C.C. 17 Cadets of the college participated in Independence Day celebration, 22 cadets attended ATC camp at Ropar, 3 cadets at TSC camp, Delhi, 10 cadets CATC camp at Ropar, and 3 cadets attended BLC camp at Malaut.

7 cadets of the college won **Gold medal** and overall trophy in **National Games** (Handball) organised by **Army Head Quarter**. 21 cadets of the college participated in Parade held at **Republic Day**. Besides this, students also participated in various drives such as Polio drive, Road-Safety week, Swach Bharat Abhiyan, Blood Donation Camp, N.C.C day and Tree Plantation drive.

13. In April 2016, the college achieved the status of **College with Potential for Excellence** from **UGC, Govt. of India, New Delhi**. During this very session, in July 2016, the college was conferred with the status of **Autonomous College** by **UGC, New Delhi** and it proceeded with the same status afterwards.

In order to develop Research, **M.Phil English** and **M.Phil Punjabi** were introduced under the approval of UGC. Various other courses like **M.A (Political Science)**, **M.A (History)**, **M.A (Psychology)**, **M.Sc (Statistics)** were introduced. **B.Voc (Automobile)** and **B.Voc (Agriculture)** under DDU Kaushal Kendra were also introduced.

The college celebrated National Youth Day, Clean and Hygienic Cleanliness drive, International Day of Biological Diversity, Establishment Day, Bhai Ghaniyaji Day, Programme regarding awakening of Right to Vote, International GaribiHatao Divas, World Food Day, Literary and Cultural programme dedicated to Golden Jubilee of state of Punjab, National Unity week, National Education Day, World Aids Day and Gurbani Divas. The College organised **2 PTA meets** during the session and the college magazine **The Patiala** was also released.

  
**Dr. Dharminder Singh Ubha**  
Principal



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## **14. Orientation/Refresher Courses attended by Faculty Members**

### **14.A Orientation Course**

Dr. Gursimarjeet Kaur attended an orientation course at Punjabi University, Patiala



from 2<sup>nd</sup> to 29<sup>th</sup> Nov, 2016 organized by UGC (HRDC).

Dr. Davinder Singh Saini attended orientation course from 29<sup>th</sup> Nov 2016 to 26<sup>th</sup> December 2016.

Dr. Amandeep Kaur Sidhu and Dr. Tejinder Pal Singh attended orientation course from 25<sup>th</sup> June 2017 to 21<sup>st</sup> July 2017.

#### **14.B Refresher Course**

Dr. Harpreet Kaur and Prof. Gurwinder Kaur attended a Refresher Course organized by UGC (HRDC) at Punjabi University, Patiala from 1<sup>st</sup> to 21<sup>st</sup> Dec, 2016. Dr. Davinder Singh Saini attended refresher course in Indian Languages from 30<sup>th</sup> May 2017 to 19<sup>th</sup> June 2017.

#### **14 C Faculty Development Programme**

Dr. Heena attended Faculty Development Programme from 9<sup>th</sup> Jan 2017 to 16<sup>th</sup> Jan 2017.

Dr. Ganda Singh Career Guidance, Placement and Counseling Cell

SDP was organised from 26 May to 27 May 2017 on the topic Working of Fees Module.